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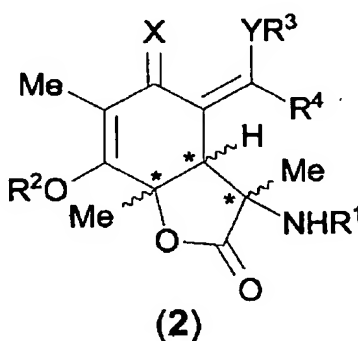
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Docket No. BB-130
Serial No. 10/525,685In the Claims

This listing of claims will replace all prior versions and listings of claims in this application.

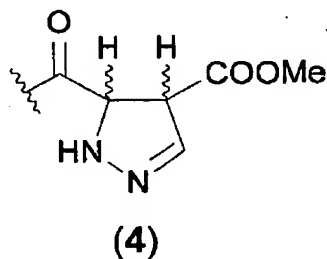
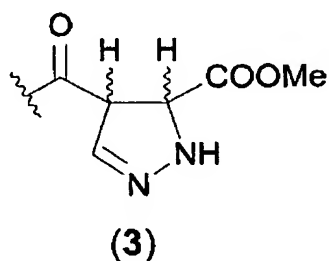
1-23 (Cancelled).

24 (Currently amended). A compound of the general formula (2):



wherein

R¹ is selected from the group consisting of: -H, (C₁-C₁₀)-alkyl (wherein alkyl is straight or branched), (C₃-C₁₀)-alkenyl, and acyl groups, wherein free -COOH-groups can be present on the acyl group in the form of esters; or, optionally, R¹ can be (3) or (4)



R^2 is selected from the group consisting of: $-H$, (C_1-C_{10}) -alkyl (wherein alkyl is straight or branched), and acyl groups;

R^3 is selected from the group consisting of: $-H$, (C_1-C_{10}) -alkyl (wherein alkyl is straight or branched), and acyl groups;

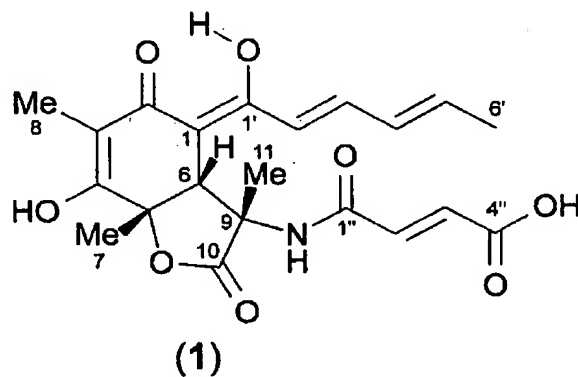
R^4 is selected from the group consisting of: (C_1-C_{10}) -alkyl (wherein alkyl is straight or branched), and (C_3-C_{10}) -alkenyl, wherein the alkenyl residue can contain one or more double bonds;

X is selected from the group consisting of O , S , NOH and NOR^5 , wherein R^5 is a straight chain or branched chain (C_1-C_6) -alkyl;

Y is O , or Y and X are N -atoms bound to each other thus forming a pyrazole ring;

wherein the compound can be present as an (R,R,R) -, (R,R,S) -, (R,S,R) -, (R,S,S) -, (S,R,R) -, (S,R,S) -, (S,S,R) - or (S,S,S) -stereoisomer; and pharmaceutically acceptable salts or solvates of (2).

25 (Previously presented). The compound according to claim 24 having the formula (1):

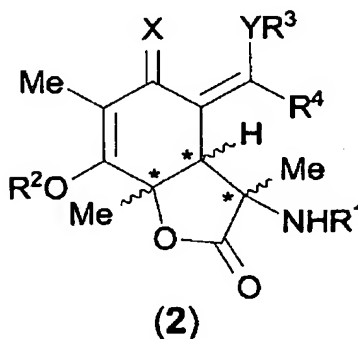


(sorbicillacton A) and derivatives thereof, their diastereomers, as well as the corresponding enantiomers, and pharmaceutically acceptable salts or solvates of this compound.

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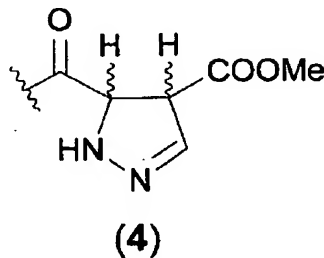
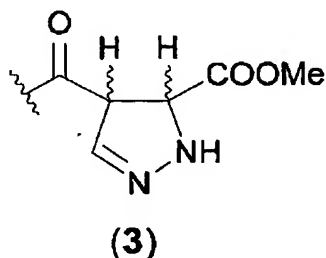
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26 (Currently amended). A method for the production of a compound of the general formula (2):



wherein

R¹ is selected from the group consisting of: -H, (C₁-C₁₀)-alkyl (wherein alkyl is straight or branched), (C₃-C₁₀)-alkenyl, and acyl groups, wherein free -COOH-groups can be present on the acyl group in the form of esters; or, optionally, R¹ can be (3) or (4)



R² is selected from the group consisting of: -H, (C₁-C₁₀)-alkyl (wherein alkyl is straight or branched), and acyl groups;

R³ is selected from the group consisting of: -H, (C₁-C₁₀)-alkyl (wherein alkyl is straight or branched), and acyl groups;

R⁴ is selected from the group consisting of: (C₁-C₁₀)-alkyl (wherein alkyl is straight or branched), and (C₃-C₁₀)-alkenyl, wherein the alkenyl residue can contain one or more double bonds;

X is selected from the group consisting of O, S, NOH and NOR⁵, wherein R⁵ is a straight chain or branched chain (C₁-C₆)-alkyl;

Y is O, or Y and X are N-atoms bound to each other thus forming a pyrazole ring;

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